

ASBESTOS AIR SAMPLING

COMPLETED FOR THE
GENERAL SERVICES ADMINISTRATION

Survey Location:

CHET HOLIFIELD FEDERAL BUILDING
GENERAL SERVICES ADMINISTRATION
24000 AVILA ROAD
LAGUNA NIGUEL, CALIFORNIA 92677

Survey dates:

FEBURARY 14, 2018 & FEBRUARY 15, 2018

Report Date:

March 20, 2018

Prepared by:

UNITED STATES PUBLIC HEALTH SERVICE
FEDERAL OCCUPATIONAL HEALTH



A. EXECUTIVE SUMMARY

On February 14, 2018 and February 15, 2018, the Federal Occupational Health (FOH) inspection team conducted asbestos air sampling throughout the Chet Holifield Federal Building. Air sampling was conducted to verify that airborne fiber levels were at appropriate levels. Air samples were collected in common areas, storage rooms, file rooms and in occupied office spaces throughout the building. A total of sixty-nine (69) air samples, four lab blanks and three field blanks were collected by Federal Occupational Health and submitted for analysis using Transmission Electron Microscopy (TEM).

There are no current EPA regulations for general area air sampling and no regulatory action levels for direct comparison of airborne asbestos levels; however, the US Environmental Protection Agency (EPA) has regulations for area air sampling within containment after an asbestos abatement has been completed. When performing general area asbestos air sampling, FOH compares results to the EPA regulations.

Laboratory analysis indicated fiber levels for all samples to be less than 15 structures per millimeter squared ($< 15 \text{ s/mm}^2$). In structures per cubic centimeter (s/cc) the results ranged from <0.0024 to $<0.0048 \text{ s/cc}$ of air.

Due to technician / equipment error, 25 of the 69 air samples are considered invalid and the corresponding laboratory analytical results provided in Section F should be disregarded. The reason for the in-validation of the samples consisted of errors in calibration of the sampling equipment. These 25 samples should be re-sampled (at a minimum re-sampling of samples in employee areas) as part of the next round of sampling. These samples included the following:

- 1-1
- 1-3
- 1-4
- 1-13
- 1-14
- 1-24
- 1-25
- 1-26
- 2-30
- 3-46
- 3-47
- 3-49
- 3-50
- 3-52
- 3-53
- 3-54
- 3-55
- 3-57
- 3-58
- 3-59
- 4-40
- 4-62
- 4-63
- 7-64
- 7-68

For TEM AHERA samples, EPA uses the clearance level of 70 s/mm^2 after an asbestos removal has been completed. This is the level at which EPA considers the space appropriate to return to general occupancy.

Analytical results of all air samples indicate that asbestos concentrations were below the EPA clearance level of 70 s/mm². The Memorandum of Agreement (MOA) between the General Services Administration (GSA) and the US Citizenship and Immigration Services (USCIS) dated February 15, 2017 states that results less than 0.005 s/cc are considered acceptable. All results from the air sampling were less than 0.005 s/cc of air.

B. INTRODUCTION

On February 14, 2018 and February 15 2018, U.S. Public Health Service, Federal Occupational Health, inspection team members, Benjamin Cohn, Jaqueline Jones and Matthew Rodriguez conducted asbestos air sampling at the Chet Holifield Federal Building located at 24000 Avila Road, in Laguna Niguel, California, 92677. Air samples were collected in common areas, storage rooms, file rooms and office spaces occupied by government agencies within the above referenced structure (Please refer to the attached Site Map). A total of sixty-nine (69) air samples, four lab blanks and three field blanks were collected and analyzed for asbestos fibers using transmission electron microscopy (TEM) by AMA Analytical Laboratory in Lanham, Maryland.

The Chet Holifield Federal Building is a United States Government Building managed by the General Service Administration and is occupied by government agencies. The 7-story pyramidal form building was constructed between 1967 and 1971 and is approximately 1,000,000 square foot in size. It is constructed of angled, painted, pre-cast concrete panels with reticulation, a textured finish that displays curvilinear forms and recessed anodized aluminum windows. The building has a concrete frame and the lateral force-resisting system consists of concrete shear walls and single-level concrete moment frames. This office space has carpeted and tiled floors, painted-sheetrock walls, drop ceilings, and the supply air is ducted while the return air is transported via the plenum area above the ceiling.

Before the survey, an opening conference was held with GSA Senior Property Manager Sherry Hutchinson and Acting Building Manager Jennifer Kim, to discuss the procedures and the locations of the air sampling.

C. METHODS

Air sampling was conducted by drawing a known volume of air through a filter using flow-controlled pumps that were each pre and post calibrated. Calibration was made by using a Bios Defender 520 Primary Flow Calibrator, with a representative sampler in line. The filter media used was 0.45-micron pore-size mixed cellulose ester filter with backup pad. Each sample was collected open-faced in a 25-millimeter non-conducting cassette. Each sample was collected at breathing zone height. The samples were collected for approximately 2 hours and a sufficient volume of air was collected to meet the required limit of quantification for TEM analysis as well as meet the optimum fiber loading on the filter. FOH collected the samples for approximately 2 hours. Air samples were collected from common areas, storage rooms, file rooms and in occupied office spaces. A total of sixty-eight (69) air samples, four lab blanks and three field blanks were collected and analyzed for asbestos fiber concentrations using AHERA TEM. All samples were analyzed by AMA Analytical Laboratory in Lanham, MD, an American Industrial Hygiene Association (AIHA) accredited laboratory.

D. RESULTS

Laboratory analysis indicated fiber levels for all samples to be less than ($<$) 15 s/mm². In structures per cubic centimeter (s/cc) the results ranged from <0.0024 to <0.0048 s/cc of air. Complete laboratory results and sample location plans can be found in Section F-Supporting Documents of this report.

Due to technician / equipment error, 25 of the 69 air samples are considered invalid and the corresponding laboratory analytical results provided in Section F should be disregarded. The reason for the in-validation of the samples consisted of errors in calibration of the sampling equipment. These 25 samples should be re-sampled (at a minimum re-sampling of samples in employee areas) as part of the next round of sampling. These samples included the following:

- 1-1
- 1-3
- 1-4
- 1-13
- 1-14

- 1-24
- 1-25
- 1-26
- 2-30
- 3-46
- 3-47
- 3-49
- 3-50
- 3-52
- 3-53
- 3-54
- 3-55
- 3-57
- 3-58
- 3-59
- 4-40
- 4-62
- 4-63
- 7-64
- 7-68

E. DISCUSSION AND RECOMMENDATIONS

There are currently no regulations for general area air sampling for asbestos and no regulatory action levels by which results may be directly compared. The US Occupational Safety and Health Administration (OSHA) has regulations for worker exposure which entails sample collection by placing the sampling device in the employee's breathing zone. However, this was not the case and therefore FOH will not compare the area sampling results to the OSHA PEL of 0.10 fibers per cubic centimeter. The US EPA has regulations for area air sampling within containment after an asbestos abatement has been completed. When performing general area asbestos air sampling, FOH compares results to the EPA regulations. There are some differences in the method of collection since FOH did not collect the samples in containment but the clearance level is the same.

For TEM samples, EPA uses the clearance level of 70 s/mm² after an asbestos removal has been completed. This is the level at which EPA considers the space appropriate to return to general occupancy. All of the samples collected by FOH have levels less than 70 s/mm².

The MOA between GSA and USCIS states that results less than 0.005 s/cc of air are considered acceptable. All sample results from this sampling event were less than 0.005 s/cc of air.

FOH recommends that any work that is done above the ceiling, in the plenum area, is completed after hours while utilizing a negative pressure mini-containment. This will limit the disturbance of the dust on the top of the ceiling tiles.

F. SUPPORTING DOCUMENTS

The following supporting documents are attached to the report:

Laboratory Report/Chain of Custody for initial sampling (17 pages)



CERTIFICATE OF ANALYSIS

Chain of Custody: 605802
Client: FOH Boston Area Office/George Bearer
Address: JFK Building - Room E-110
Government Center
Boston, MA 02203
Attention: Michael Pinkerton

Job Name: FIH Chet Holifield
Job Location: 26000 Avila Road, Laguna Niguel, CA
Job Number: 9835006590
P.O. Number: Not Provided

Date Submitted: 02/21/2018
Date Analyzed: 02/28/2018
Report Date: 02/28/2018
Date Sampled: 02/14/2018 - 02/15/2018
Person Submitting: Michael Pinkerton
Revised: 03/16/2018 (Revision #1)

Lab Code 101143-0

NY ELAP

Lab ID 10920

Summary of Transmission Electron Microscopy

Filter Type: MCE

Pore Size: 0.45 um

Filter Size: 25 mm (385 mm²)

AMA Sample Number	Client Sample Number	Volume (L)	Area Analyzed (mm ²)	Analytical Sensitivity s/cc	Asbestos		# Non Asbestos Structures	Concentration		Sample Type	Comments
					Amount/Type	<5µm >=5µm		s/mm ²	s/cc		
605802-1	2-37-2312	1335.32	0.0665	0.0043	0		0	<15	<0.0043	N/P	
605802-2	2-38-2301	1291.419	0.0665	0.0045	0		0	<15	<0.0045	N/P	
605802-3	2-41-2102	1251.873	0.0665	0.0046	0		0	<15	<0.0046	N/P	
605802-4	2-42-2107	1242.125	0.0665	0.0047	0		0	<15	<0.0047	N/P	
605802-5	2-44-2107	1228.647	0.0665	0.0047	0		0	<15	<0.0047	N/P	
605802-6	2-43-2107	1213.872	0.0665	0.0048	0		0	<15	<0.0048	N/P	
605802-7	3-56-3250	1388.61	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-8	3-51-3355	1409.747	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-9	1-11-1595	1499.128	0.0665	0.0039	0		0	<15	<0.0039	N/P	
605802-10	1-2-1400	1171.1025	0.0665	0.0049	0		0	<15	<0.0049	N/P	
605802-11	1-8-1000	1311.6075	0.0665	0.0044	0		0	<15	<0.0044	N/P	
605802-12	1-9-1580	1311.801	0.0665	0.0044	0		0	<15	<0.0044	N/P	
605802-13	4-61-4105	1459.1385	0.0665	0.004	0		0	<15	<0.004	N/P	
605802-14	3-45-3101A	1441.617	0.0665	0.004	0		0	<15	<0.004	N/P	
605802-15	6-67-6170	1388.084	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-16	6-66-6000	1395.904	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-17	5-64-5020	1376.4835	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-18	5-65-5160	1359.387	0.0665	0.0043	0		0	<15	<0.0043	N/P	
605802-19	2-36-Corridor	1465.7655	0.0665	0.0039	0		0	<15	<0.004	N/P	
605802-20	2-32-Corridor	1445.36	0.0665	0.004	0		0	<15	<0.004	N/P	



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Report Date: 02/28/2018
Date Sampled: 02/14/2018 - 02/15/2018
Person Submitting: Michael Pinkerton
Revised: 03/16/2018 (Revision #1)

Summary of Transmission Electron Microscopy

Filter Type:	MCE	Pore Size: 0.45 um				Filter Size:	25 mm (385 mm²)				
AMA Sample Number	Client Sample Number	Volume (L)	Area Analyzed (mm)	Analytical Sensitivity s/cc	Asbestos		# Non Asbestos Structures	Concentration		Sample Type	Comments
					Amount/Type	<5µm >=5µm		s/mm	s/cc		
605802-21	2-28-Corridor	1410.29	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-22	2-39-Corridor	1443.549	0.0665	0.004	0		0	<15	<0.004	N/P	
605802-23	2-40-Corridor	1401.236	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-25	1-15	1426.43	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-26	1-16	1436.09	0.0665	0.004	0		0	<15	<0.004	N/P	
605802-27	1-17	1206.9	0.0665	0.0048	0		0	<15	<0.0048	N/P	
605802-28	1-18	1271.2	0.0665	0.0046	0		0	<15	<0.0046	N/P	
605802-29	1-10	1391.28	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-30	1-7	1402.8	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-31	1-25	1249.68	0.0665	0.0046	0		0	<15	<0.0046	N/P	
605802-32	1-26	1198.46	0.0665	0.0048	0		0	<15	<0.0048	N/P	
605802-33	1-3	1211.815	0.0665	0.0048	0		0	<15	<0.0048	N/P	
605802-34	1-1	1155.6	0.0665	0.005	0		0	<15	<0.005	N/P	
605802-35	1-4	1208.79	0.0665	0.0048	0		0	<15	<0.0048	N/P	
605802-36	1-24	1283.81	0.0665	0.0045	0		0	<15	<0.0045	N/P	
605802-38	Blank1	0.0	0.0	--	--		--	--	--	BLK	Not Analyzed
605802-39	Blank2	0.0	0.0	--	--		--	--	--	BLK	Not Analyzed
605802-40	1-20	1674.44	0.0665	0.0035	0		0	<15	<0.0035	N/P	
605802-41	1-23	1631.34	0.0665	0.0035	0		0	<15	<0.0035	N/P	
605802-42	1-21	1426.6	0.0665	0.0041	0		0	<15	<0.0041	N/P	



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Summary of Transmission Electron Microscopy

Filter Type:	MCE			Pore Size:	0.45 um		Filter Size:		25 mm (385 mm²)			
AMA Sample Number	Client Sample Number	Volume (L)	Area Analyzed (mm)	Analytical Sensitivity s/cc		Asbestos	# Non Asbestos Structures	Concentration	Sample Type	Comments		
						Amount/Type	<5µm	>=5µm	s/mm	s/cc		
605802-43	1-22	1249.28	0.0665	0.0046	0		0		<15	<0.0046	N/P	
605802-44	1-6	1286.4	0.0665	0.0045	0		0		<15	<0.0045	N/P	
605802-45	1-5	1221.0	0.0665	0.0047	0		0		<15	<0.0047	N/P	
605802-46	2-27	1270.59	0.0665	0.0046	0		0		<15	<0.0046	N/P	
605802-47	2-29	1237.5	0.0665	0.0047	0		0		<15	<0.0047	N/P	
605802-48	2-31	1262.32	0.0665	0.0046	0		0		<15	<0.0046	N/P	
605802-49	2-35	1215.6	0.0665	0.0048	0		0		<15	<0.0048	N/P	
605802-50	2-34	1253.37	0.0665	0.0046	0		0		<15	<0.0046	N/P	
605802-51	2-33	1235.84	0.0665	0.0047	0		0		<15	<0.0047	N/P	
605802-53	Blank1	0.0	0.0	--	--		--		--	--	BLK	Not Analyzed
605802-54	Blank2	0.0	0.0	--	--		--		--	--	BLK	Not Analyzed
605802-55	1-14	1392.26	0.0665	0.0042	0		0		<15	<0.0042	N/P	
605802-56	1-13	1344.06	0.0665	0.0043	0		0		<15	<0.0043	N/P	
605802-57	3-44	1263.6	0.0665	0.0046	0		0		<15	<0.0046	N/P	
605802-58	3-47	1290.88	0.0665	0.0045	0		0		<15	<0.0045	N/P	
605802-59	3-49	1292.7	0.0665	0.0045	0		0		<15	<0.0045	N/P	
605802-60	3-53	1272.92	0.0665	0.0045	0		0		<15	<0.0045	N/P	
605802-61	3-59	1475.91	0.0665	0.0039	0		0		<15	<0.0039	N/P	
605802-62	4-60	1426.64	0.0665	0.0041	0		0		<15	<0.0041	N/P	
605802-63	4-63	1346.63	0.0665	0.0043	0		0		<15	<0.0043	N/P	



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Revised: 03/16/2018 (Revision #1)

Summary of Transmission Electron Microscopy

Filter Type: MCE

Pore Size: 0.45 um

Filter Size: 25 mm (385 mm²)

AMA Sample Number	Client Sample Number	Volume (L)	Area Analyzed (mm)	Analytical Sensitivity s/cc	Asbestos		# Non Asbestos Structures	Concentration		Sample Type	Comments
					Amount/Type	<5µm >=5µm		s/mm	s/cc		
605802-64	3-52	1380.54	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-65	Blank1	0.0	0.0	--	--		--	--	--	BLK	Not Analyzed
605802-66	Blank2	0.0	0.0	--	--		--	--	--	BLK	Not Analyzed
605802-67	2-30	1490.58	0.0665	0.0039	0		0	<15	<0.0039	N/P	
605802-68	3-54	1543.22	0.0665	0.0038	0		0	<15	<0.0038	N/P	
605802-69	3-55	1393.8	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-70	3-57	1364.85	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-71	3-58	1368.9	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-72	4-62	1325.72	0.0665	0.0044	0		0	<15	<0.0044	N/P	
605802-73	7-64	1381.76	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-74	7-68	1414.4	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-75	1-19	1383.55	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-76	1-12	1377.22	0.0665	0.0042	0		0	<15	<0.0042	N/P	
605802-77	3-50	1403.15	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-78	3-48	1405.15	0.0665	0.0041	0		0	<15	<0.0041	N/P	
605802-80	Blank1	0.0	0.0	--	--		--	--	--	BLK	Not Analyzed



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Summary of Transmission Electron Microscopy

Filter Type: MCE **Pore Size:** 0.45 um **Filter Size:** 25 mm (385 mm²)

AMA Sample Number	Client Sample Number	Volume (L)	Area Analyzed (mm)	Analytical Sensitivity s/cc	Asbestos Amount/Type <5µm >=5µm	# Non Asbestos Structures	Concentration s/mm s/cc	Sample Type	Comments
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Analytical procedures used meet or exceed the AHERA "Interim Transmission Electron Microscopy Analytical Methods" protocol described in Appendix A to Subpart E of 40 CFR Part 763.

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): Izabelle Mendez, Michael Creaghan, Michael Greenberg

Technical Director G. Edward Carney

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

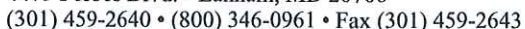
Record Changes Report

Client: FOH Boston Area Office/George Bearer

Client Code: FOHBOS

Chain of Custody: 605802

Date	Description
03/16/2018	Updated sample volumes per client request



(Please Refer To This
Number For Inquires)

605802

1. Client Name: FOH Boston Area Office

2. Address 1: JFK Building - Room E-110

3. Address 2: Government Center

4. Address 3: Boston, MA 02203

5. Phone #: 240-429-7808 Fax #: _____

1. Job Name: FIH Chet Holifield
2. Job Location: 26000 Avila Road, Laguna Niguel, CA
3. Job #: 9835006590 P.O. #: _____
4. Contact Person: Michael Pinkerton @ phone # (310)634-7677
5. Submitted by: Michael Pinkerton Signature: _____

Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file.

AFTER HOURS (must be pre-scheduled) <input type="checkbox"/> Immediate Date Due: _____ <input type="checkbox"/> 24 Hours Time Due: _____ Comments: _____		NORMAL BUSINESS HOURS <input type="checkbox"/> Immediate <input type="checkbox"/> 3 Day <input type="checkbox"/> Next Day <input checked="" type="checkbox"/> 5 Day + <input type="checkbox"/> Results Required By Noon Date Due: <u>2/28/18</u>		REPORT TO: <input checked="" type="checkbox"/> Include COC/Field Data Sheets with Report <input checked="" type="checkbox"/> Email: <u>michael_pinkerton</u> @efiglobal.com <input type="checkbox"/> Fax: also email <u>LYNDA_MCDERMOTT@EFIGLOBAL.COM</u> <input type="checkbox"/> Verbal:	
--	--	--	--	---	--

☐ Asbestos Soil PLM__ (Qual) PLM__ (Quan) PLM/TEM__ (Qual) PLM/TEM__ (Quan)

*It is recommended that blank samples be submitted with all air and surface samples

☒ All samples received in good condition unless otherwise noted.
(TEM Water samples _____ °C)

☐ Pb Furnace (Media _____) _____ (QTY)☐ Other (Specify _____) _____ (QTY)

(LABORATORY STAFF ONLY)

[illegible]

1. Date/Time RCVD: 2 / 21 / 18 @ 930 Via: Fed Ex By (Print): JFH Sign: _____
2. Date/Time Analyzed: _____ / _____ / _____ @ _____ By (Print): _____ Sign: _____
3. Results Reported To: _____ Via: _____ Date: _____ / _____ / _____ Time: _____ Initials: _____
4. Comments: _____

Air Sampling Field Data Sheet

Page 1 of 3

Date Collected: 02-14-18

Job Name: FOH Chet Holifield

Company: Federal Occupational Health

Contact Person: _____

Job Location: 24000 Avila Rd.

Phone Number: _____

Job Number: 9835-05913

Address: La Brea Niguel, CA 92677

Collected By: Ben Cahn

S _____ P 9835006590

COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
2-37-2312		2	CSC-2312 North End.	0750	1003	133	10.112	9.968	10.04	1,335.32
2-38-2301		2	CSC-2301 Cubicle 23249	0800	1009	129	10.061	9.961	10.011	1,291.419
2-41-2102		2	CSC-2102 Server	0813	1019	126	10.061	9.810	9.9355	1,251.873
2-42-2107		2	CSC-2107 Hallway by 2112	0821	1026	125	10.158	9.716	9.937	1,242.125
2-44-2107		2	CSC-2107 office 21033 21462	0829	1032	123	10.115	9.864	9.989	1,228.641
2-43-2107		2	CSC-2107 office 21462	0837	1038	121	10.102	9.962	10.032	1,213.872
3-56-3250		3	CSC-OCC 3250 Hallway by office 301	1048	1303	135	10.397	10.175	10.286	1,388.61
3-51-3355		3	CSC-3355 South Wall Center	1055	1309	134	10.746	10.295	10.5205	1,409.747

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Air Sampling Field Data Sheet

Page 2 of 3

Date Collected: 02-14-18 + 2-15-18

Job Name: FOH Chat Holifield

Company: Federal Occupational Health

Contact Person: _____

Job Location: 24000 Avila Rd.

Phone Number: _____

Job Number: 483505913

Address: Laguna Niguel, CA 92677

Collected By: Ben Cain

S _____ P 9835006520

COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
1-11-1595		1	CSC-1595 BY cage door	1108	1334	146	10.423	10.113	10.268	1,499.128
1-2-1400		1	CSC- Room 1400 BY Service window	1124	1319	115	10.313	10.054	10.1835	1,171.625
1-8-1000		1	CSC-1000 BY Entry Door	1133	1342	129	10.267	10.068	10.1675	1,311.6075
1-9-1580		1	CSC-1580 Office 13009	1139	1348	129	10.280	10.058	10.169	1,311.801
4-61-4105		4	WRO-4105 Secured Storage Room	0740	1001	141	10.427	10.270	10.3485	1,459.1385
3-45-3101A		3	OSI-3101A Next to Printer	0749	1007	138	10.529	10.364	10.4465	1,441.617
6-67-6170		6	WRO-6170 Back Office	0758	1014	136	10.279	10.134	10.2065	1,388.084
6-66-6000		6	ICE-6000 cube by Arthur Adams	0804	1020	136	10.313	10.215	10.264	1,395.904



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Air Sampling Field Data Sheet

Page 3 of 3

Date Collected: 2-15-18 ~~02-14-18~~

Job Name: FOH Chet Holifield

Company: Federal Occupational Health

Contact Person: _____

Job Location: 24000 Avila Rd.

Phone Number: _____

Job Number: 9835005413

Address: Laguna Niguel, CA 92677

Collected By: Ben Cohn

S _____ P 9835006590

COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
5-64-5020		5	CBP-5020 cube by First Aid	0813	1026	133	10.405	10.294	10.3495	1,376.4835
5-65-5160		5	ICE-5160 cube by Breakroom	0822	1033	131	10.349	10.355	10.377	1,359.387
2-36-Corridor		2	2-36 Corridor behind 2300	1042	1303	141	10.417	10.374	10.3955	1,405.7055
2-32-Corridor		2	2-32 Corridor by 2-T-22	1047	1307	140	10.439	10.209	10.324	1,445.36
2-28-Corridor		2	2-28 Corridor ^{BY} 2203	1053	1313	140	10.217	9.930	10.0735	1,410.29
2-39-Corridor		2	2-39 Corridor by 2105	1100	1318	138	10.474	10.447	10.4605	1,443.549
2-40-Corridor		2	2-40 Corridor outside Gym	1105	1322	137	10.314	10.142	10.228	1,401.236

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Air Sampling Field Data Sheet

Page 1 of 1

Date Collected: 2/14/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: JACQUELINE JONES
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
1-15		1ST	OFFICE 1630	10 ⁵⁰	13 ¹³	143	10.00	9.95	9.975	1,426.43
1-16		↓	Room 10	10 ⁵⁵	13 ¹⁶	141	10.01	10.36	10.185	1,436.09
1-17			Room 34	11 ⁰⁵	13 ²⁰	135	8.72	9.16	8.94	1,206.9
1-18			1-J-16	11 ¹⁰	13 ³⁰	140	9.15	9.01	9.08	1,271.2
1-10			ADJACENT TO Q-CAT WALK	11 ¹⁷	13 ³³	136	10.28	10.18	10.23	1,391.28
1-7			OUTSIDE OF ROOM 1225	11 ²⁶	13 ⁴⁴	138	10.29	10.01	10.15	1,402.08
BLANK 1			FIELD BLANK							
BLANK 2			SEALED BLANK							

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Air Sampling Field Data Sheet

Page 1 of 1

Date Collected: 2/14/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: SACQUELINE JONES
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
1-25		1st	NEAR ROOM 1630	07 ⁵³	10 ⁰⁰	127	15.98	8.20	12.34	1,567.18
1-26			OUTSIDE OF ROOM 169	08 ⁰⁶	10 ⁰⁰	124	19.15	9.18	14.165	1,754.46
1-3			NORTH WEST WALK (MAT ROOM)	08 ¹⁵	10 ¹⁴	121	19.25	9.78	14.515	1,754.32
1-1			EAST WALL ROOM 1540	08 ³⁰	10 ³⁰	120	16.34	9.01	12.675	1,521
1-4			RICKY OF THE VENDING MACHINES	08 ³⁷	10 ³⁶	121	19.45	14.33	14.89	2,043.69
1-24			WEST DOOR	08 ⁴⁴	10 ⁴⁷	121	22.34	10.68	14.41	2,009.81

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Air Sampling Field Data Sheet

Page 1 of 2

Date Collected: 2/14/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: MATT RODRIGUEZ
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
1-20		1	C-13	7 ⁴⁶	10 ³⁰	164	10.12	10.30	10.21	1,474.44
1-23		1	G-9	8 ⁰⁰	10 ⁴²	162	10.22	10.91	10.07	1,431.34
1-21		1	INTERIOR ROLL-UP DOOR #2	8 ¹⁵	10 ³⁵	140	10.23	10.15	10.19	1,424.6
1-22		1	E-13	8 ²⁹	10 ³¹	122	10.31	10.17	10.24	1,249.28
1-6		1	DOOR 12002	8 ³⁸	10 ⁴⁶	128	10.10	10.00	10.05	1,286.4
1-5		1	NEW COPIER / OUTSIDE OFFICE 1211	8 ⁴³	10 ⁴³	120	10.20	10.35	10.175	1,221
2-27		2	CONFERENCE ROOM 22303	11 ⁰³	13 ⁰⁴	123	10.11	10.55	10.33	1,270.59
2-29		2	PP FILE ROOM	11 ⁰⁹	13 ¹³	124	10.01	9.95	9.98	1,237.54

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Air Sampling Field Data Sheet

Page 2 of 2

Date Collected: 2/14/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: MATT RODRIGUEZ
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
<u>2-31</u> <u>11:20 HR</u>		<u>2</u>	<u>24203</u>	<u>11¹³</u>	<u>13¹⁷</u>	<u>124</u>	<u>10.12</u>	<u>10.24</u>	<u>10.18</u>	<u>1,262.32</u>
<u>2-35</u>		<u>↓</u>	<u>PALISADES</u>	<u>11¹⁸</u>	<u>13¹⁸</u>	<u>120</u>	<u>10.22</u>	<u>10.04</u>	<u>10.13</u>	<u>1,215.60</u>
<u>2-34</u>			<u>2402C</u>	<u>11²⁰</u>	<u>13²³</u>	<u>123</u>	<u>10.26</u>	<u>10.12</u>	<u>10.19</u>	<u>1,253.37</u>
<u>2-33</u>			<u>NEAR 301-70 STREET</u>	<u>11²⁸</u>	<u>13³⁰</u>	<u>122</u>	<u>10.17</u>	<u>10.08</u>	<u>10.13</u>	<u>1,235.84</u>
<u>BLADE 1</u>										
<u>BLADE 2</u>										

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Air Sampling Field Data Sheet

Date Collected: 2/15/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Page 1 of 2
 Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: JACQUELINE JONES
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
1-14		1	SOUTH OF 1ST FLOOR ELEVATOR	07 ⁵³	10 ⁰⁷	134	10.19	16.54	13.37	1,340
1-13		1	FILE ROOM 1668	08 ⁰⁰	10 ¹¹	131	10.35	16.17	14.26	1,868.06
3-44		3	SUITE 3210	08 ¹⁰	10 ²⁰	130	9.34	14.10	11.73	1,524.90
3-47		3	SUITE 3158	08 ¹⁷	10 ²⁵	128	9.27	13.90	11.55	1,478.40
3-49		3	SUITE 3161	08 ²⁵	10 ²⁹	124	10.18	16.47	13.43	1,665.32
3-53		3	SUITE 3451	08 ³³	10 ³⁴	121	16.71	17.33	18.02	2,180.42
3-59		3	3188	10 ⁴⁴	130 ⁴	138	14.79	15.60	14.20	2,235.60
4-40		4	SUITE 4404 OFFICE 4129	10 ⁵⁴	13 ¹⁰	136	17.30	17.48	17.50	2,380.00



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Air Sampling Field Data Sheet

Page 2 of 2

Date Collected: 2/15/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: JACQUELINE JONES
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
4-63		4	4300	11 ⁰⁰	13 ¹⁵	135	1400	13.95	13.98	1,887.30
3-S2		3	3-S-26	11 ¹⁰	13 ²³	133	17.70	17.86	17.78	2,364.74
BLAPE1			FIELD BcapK							
BLAPE2			LAB BcapK							

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Air Sampling Field Data Sheet

Page 1 of 2

Date Collected: 2/15/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: MATT RODRIGUEZ
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
2-30		2	SALAD BAR	7 ⁴⁴	10 ¹³	147	10.14	13.62	11.88	1,746.36
3-54		3	NEAR POPPY VAL / BOOKSHELF	7 ⁵⁵	10 ²³	151	10.22	11.34	10.78	1,627.78
3-55		3	OUTSIDE TEACHERS LOBBY ACROSS 2-3 YEAR OLDS	8 ¹⁰	10 ²⁴	138	10.10	12.76	11.40	1,573.20
3-57		3	OUTSIDE 3306	8 ¹⁷	10 ³²	135	10.11	11.08	10.66	1,430.38
3-58		3	OUTSIDE 3108	8 ²⁰	10 ³⁵	135	10.14	12.61	11.38	1,535.63
4-62		4	VACANT OFFICE	8 ³⁰	10 ⁴¹	131	10.12	13.59	11.86	1,553.01
7-64		7	WEST HALLWAY	10 ⁵⁰	13 ⁰⁴	134	10.14	11.30	10.73	1,459.88
7-68		7	WATER TAPK	10 ⁵²	13 ⁰⁸	136	10.40	11.20	10.80	1,468.80

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Air Sampling Field Data Sheet

Page 2 of 2

Date Collected: 2/15/18
 Contact Person: Michael Pinkerton
 Job Number: 9835006590
 S _____ P _____

Job Name: FOH Chet Holifield
 Job Location: _____
 Address: 26000 Avila Road
Laguna Niguel, CA 92677

Company: Federal Occupational Health
 Phone Number: 310-854-6300
 Collected By: MATT PODEROSER
 COC Number: _____

Sample Number	Pump #	Floor #	Sample Location	Time			Flow Rate (LPM)			Volume (L)
				Start	Stop	Total (minutes)	Initial	Final	Average	
1-19		1	NEAR EYELASH (1E14)	11 ⁰⁰	13 ¹⁴	134	10.08	10.57	10.33	1,383.55
1-12		1	NEAR FIRE EXTINGUISHER (1BULG)	11 ⁰⁴	13 ¹⁹	133	10.40	10.31	10.36	1,377.22
3-50		3	ACROSS 3360 BY FIRE EXTINGUISHER	11 ¹³	13 ²⁴	133	10.55	11.50	11.03	1,466.33
3-48		3	FRONT 3160	11 ¹⁴	13 ²⁹	133	10.50	10.63	10.57	1,405.15
BAPT1										



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